



BASrouterSX

BACnet® Multi-Network Router with Optional GSA Compliance

BACnet Protocol Implementation Conformance Statement (Annex A)

Date: November 14, 2024
Vendor Name: Contemporary Controls
Product Name: BASrouterSX/BASrouterSX-GSA
Product Model Number: BASRTSX-B/BASRTSX-B-GSA

Applications Software Version: 1.0.2 **Firmware Revision:** 1.4.3 **BACnet Protocol Revision:** 15

Product Description: BASRTSX-B/BASRTSX-B-GSA BACnet® Multi-Network Router with slave proxy support and optional GSA compliance.

BACnet Standardized Device Profile (Annex L):

- ☒ BACnet Router (B-RTR)
- ☒ BACnet Broadcast Management Device (B-BBMD)

List all BACnet Interoperability Building Block Supported (Annex K):

DS-RP-B Data Sharing — ReadProperty — B DS-RPM-B Data Sharing — ReadPropertyMultiple — B
 DM-DOB-B Device Management — Dynamic Object Binding — B DM-DDB-B Device Management — Dynamic Device Binding — B
 NM-RC-B Network Management — Router Configuration — B NM-BBMD-B Network Management — BBMD Configuration — B

Segmentation Capability:

- ☐ Able to transmit segmented messages
- ☐ Window Size: Able to receive segmented messages
- Window Size:

Standard Object Types Supported:

Object Type Supported	Can Be Created Dynamically	Can Be Deleted Dynamically
Device	No	No

No optional properties are supported. **NOTE:** The above object is directed supported on the router. The router will pass to the appropriate network all BACnet communications not directed to the router.

Data Link Layer Options:

- ☒ BACnet IP, (Annex J)
- ☒ BACnet IP, (Annex J), Foreign Device
- ☒ ISO 8802-3, Ethernet (Clause 7)
- ☐ ANSI/ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s):
- ☒ MS/TP master (Clause 9), baud rate(s): 9600; 19,200; 38,400; 57,600; 76,800; 115,200
- ☐ MS/TP slave (Clause 9), baud rate(s):
- ☐ Point-To-Point, EIA 232 (Clause 10), baud rate(s):
- ☐ Point-To-Point, modem, (Clause 10), baud rate(s):
- ☐ LonTalk, (Clause 11, medium:
- ☐ Other:

Device Address Binding:

Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain other devices.) ☒ Yes ☐ No

Networking Options:

- ☒ Router, Clause 6 — routing between BACnet/IP, ISO 8802-3, and MS/TP
- ☐ Annex H, BACnet Tunnelling Router over IP
- ☒ BACnet/IP Broadcast Management Device (BBMD)
- Does the BBMD support registrations by Foreign Devices? ☒ Yes ☐ No

Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.
☒ ISO 10646 UTF-8

If this product is a communication gateway, describe the types of non-BACnet equipment/network(s) that the gateway supports: No gateway support.